



**FIG. 1**

```

graph TD
    200[200  
RECEIVE REQUEST  
FOR CONTENT ITEM  
FROM CLIENT] --> 202[202  
DETERMINE  
OPTIMIZATION  
CONSTRAINT FOR  
CLIENT/REQUESTED  
CONTENT ITEM]
    202 --> 204[204  
COMPILE  
REQUESTED  
CONTENT ITEM, AND  
SELECT OPTIONAL  
CONTENT  
ACCORDING TO OPT.  
CONSTRAINT]
    204 --> 206[206  
TRANSMIT  
COMPILED CONTENT  
ITEM TO  
REQUESTING  
CLIENT]

```

**FIG. 2**

Directions<OPT> to our offices<OPT>:<BR>  
 <OPT>CONTINUE<DOPT>C</OPT><OPT> onto</OPT> HARRISON ST<OPT>  
 --></OPT> <OPT>Go </OPT><OPT>a short distance<DOPT>short  
 distance</OPT><OPT> and then</OPT><BR><OPT>TURN  
 RIGHT<DOPT>R</OPT><OPT> onto</OPT> 2ND ST<OPT> --></OPT>  
 <OPT>Go  
 </OPT>0.1 <OPT>miles<DOPT>m</OPT><OPT> and  
 then</OPT><BR><OPT>TURN LEFT<DOPT>L</OPT><OPT> onto</OPT>  
 WEBSTER  
 ST<BR><OPT>CONTINUE<DOPT>C</OPT> <OPT>a short  
 distance<DOPT>short  
 distance</OPT><BR><BR><OPT>Total distance is<DOPT>Total:</OPT> 0.2  
 <OPT>miles<DOPT>m</OPT><OPT><BR>Estimated driving  
 time<DOPT>,</OPT> 0.9 <OPT>minutes<DOPT>min</OPT>

FIG. 3a

Compiled For Low  
 Constraint/High  
 Performance Device  
 (e.g HTML)

Compiled For High  
 Constraint/Low  
 Performance Device  
 (e.g TTML)

Directions to our offices:  
 CONTINUE onto HARRISON ST --> Go a short distance and then  
 TURN RIGHT onto 2ND ST --> Go 0.1 miles and then  
 TURN LEFT onto WEBSTER ST  
 CONTINUE a short distance

Total distance is 0.2 miles  
 Estimated driving time 0.9 minutes

FIG. 3b

Directions  
 C HARRISON ST short distance  
 R 2ND ST 0.1 m  
 L WEBSTER ST  
 C short distance

Total: 0.2 m, 0.9 min

FIG. 3c